PRODUCT DATASHEET

Liquid Sampling System





DETAIL – CLOSE-UP

OVERVIEW

Liquid Sampling Systems are precision-engineered platforms for accurate, representative sampling of process liquids across a comprehensive range of industrial applications. Our liquid sampling systems employ closed-loop design principles that prevent contamination and operator exposure while maintaining sample representativeness.

TYPICAL DESIGN DATA

Materials	SS316, SS304, Hastelloy C-276, PTFE-lined
Pressure Rating	Up to 150 bar
Temperature Range	-40°C to 400°C (with cooling coil)
Connection Types	Flanged, threaded, or tri-clamp

APPLICATIONS

Oil refineries and petrochemical plant process monitoring; water treatment facility quality assurance and control; pharmaceutical manufacturing and sterility verification; chemical processing plant analytical sampling.

KEY ADVANTAGES

- Closed-loop sampling design preventing contamination and chemical exposure
- Single-point and multi-stream configurations for diverse process requirements
- Integrated cooling coils enabling high-temperature liquid sampling capability
- Available in flanged, threaded, and tri-clamp connection types for installation flexibility

Designed and built by Tech Inc. · **Part of the Davey Group since 1990**

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